



2010-2011 Request for Proposals for Facility Investments

The Oregon Built Environment & Sustainable Technologies Center, Inc. (Oregon BEST) is soliciting proposals from Oregon BEST Member Faculty for the 2010-2011 Facility Investments. Investments will be made on a competitive basis in proposals that advance Oregon BEST's mission of economic development and job creation through research and development of green building and renewable energy technologies from the Oregon University System (OUS).

Oregon BEST's key goals are: i) make investments that bring research revenue (e.g., awards, grants and contracts) from federal, foundation and non-state funding sources to Oregon, ii) enable new business and industry opportunities and iii) promote commercialization of new technologies. Oregon BEST's research thrusts include green building products and services (performance assessment, energy systems and efficiency, green building materials and building/community design) and renewable energy generation (solar, wind, biofuels/biomass, wave and geothermal).

In 2009, Oregon BEST worked with teams of faculty at Oregon State University (OSU), Portland State University (PSU), and the University of Oregon (UO) to make facilities investments in equipping four Oregon BEST Signature Research Facilities. Oregon BEST invested \$1.2 million and helped broker another \$1.7 million from other funding sources for a total of \$3.9 million invested in four facilities:

- SuNRise PV Laboratory at UO
- Oregon Process Innovation Center (OPIC) for Sustainable Solar Cell Manufacturing at OSU
- Green Building Materials Laboratory at OSU
- Green Building Research Laboratory at PSU

The Oregon BEST Signature Research Facilities play a number of important roles:

- Provide equipment to further relevant research work already underway
- Provide tools that will enable faculty to compete more effectively for grant funding
- Create a research asset that provides value to industry stakeholders
- Provide a physical place on university campuses that creates a base of operations for future collaborative work for Oregon BEST Member Faculty and other stakeholders

The Oregon BEST Signature Research Facilities commit to open access and shared-use by Oregon BEST Member Faculty and industry users.

Proposal Submission and Review Process

Proposals must clearly explain how the requested facility investments they describe will advance Oregon BEST's mission. Investments up to \$500,000 (excluding indirect costs) will be considered for the acquisition of equipment, operations and maintenance of equipment and/or staffing for laboratory facilities. Priority will be given to proposals that demonstrate a cost-share by identifying other federal, foundation or non-State of Oregon funding already secured or other resources that would be made available to the Oregon BEST Signature Research Facility network.

Proposal Requirements and Process:

1. Complete an Oregon BEST 2010-2011 Facilities Investments Cover Page, including obtaining Department Chair review and endorsement of the scientific and technical merit of the proposal via the Chair's signature on the cover page.
2. Complete a written proposal (five pages maximum, excluding the cover page) with the following sections:
 - Facility Overview.



- Activities/Services Offerings as well as marketing, communications and industry outreach.
 - Equipment, existing as well as proposed for acquisition and any phasing of acquisition or build out.
 - Projects & Collaborations, including existing or potential collaborations with OUS faculty and industry partners as well as how industry partners might participate in new facility research efforts. Please be sure to describe where in the research pipeline new collaborations would initially be focused (e.g. basic research stage, application stage (demonstration projects, prototypes, samples and pilot projects), or commercialization stage).
 - Personnel, staffing, service levels/technical support.
 - Other factors you consider important for Oregon BEST consideration.
 - Budget Overview, including funding amounts and funders of current equipment and operations as well as any commitments (secured or pending) to match funding sought in the proposal. Please be sure to describe any existing federal, foundation or private industry funding that supports an existing facility or that has been committed to a proposed new facility.
3. Complete university research office or business office review process and obtain appropriate signed research office documentation of review (e.g., signed review by Jan Lewis at OIT, OSU Office of Sponsored Projects Proposal Transmittal Form, PSU Proposal Internal Approval Form (PIAF), or memo from the Office of Research Services confirming completion of UO internal review).
 4. Additional information and/or a presentation may be requested by the Oregon BEST Research Committee.

Review Process and Criteria

A selection committee composed of the Oregon BEST Research Committee and industry representatives will review the proposals and make all investment decisions. Investment decisions will be based on how well the proposal advances Oregon BEST's mission of economic development through creation of new technologies, companies and jobs. The selection committee will also consider how the proposal advances Oregon BEST's key strategies of bringing research revenue (e.g., awards, grants and contracts) from federal, foundation and non-state funding sources to Oregon, enabling new business and industry opportunities and promoting commercialization of new technologies.

Eligibility

Proposals may be submitted by Oregon BEST Member Faculty. Please visit [here](#) for information about becoming an Oregon BEST Member Faculty.

Submission Deadline and Further Information

The deadline for submission of proposals is 5:30 pm on Monday, May 10, 2010. Investments are contingent upon continued funding of Oregon BEST by the Oregon Innovation Council and Oregon Business Development Department. Proposals (consisting of cover page, written proposal and signed university business or research office review documentation) should be e-mailed as .pdf file(s) with a subject line of 2010-2011 Facility Investment Proposal to susan.safford@oregonbest.org. Please e-mail any questions about this Request for Proposals to susan.safford@oregonbest.org.



**2010-2011 Facility Investment Proposal
COVER PAGE**

Name _____ Title _____
 University _____ Department _____
 Address _____
 Phone _____ E-mail _____
 Proposal Title: _____

Facility Investment Proposal Summary (*limit to space provided here*):

Facility Investment Proposal Features. Please answer the following questions about this proposal (check box).

YES NO

- Does this proposal represent a further investment in an existing Oregon BEST Signature Research Facility, other interdisciplinary Oregon University System research facility or research center?
- Are Oregon BEST Member Faculty from more than one university, government agency representatives, or industry stakeholders involved in the proposal?
- Does the equipment in this proposal exist anywhere within the Oregon University System?
- Does this proposal include equipment purchases?
- Does this proposal include operations and maintenance expenses?
- Does this proposal include funding for laboratory personnel?
- Are any special resources or additional activities required?, (e.g., construction or renovation of university buildings or facilities to house equipment or personnel.)
- If additional laboratory or office space is necessary to execute this proposal, has such space been secured?

If funded, when would installation of any equipment be complete and/or personnel hired and when would the facility be ready for university or industry use? Completion of Installation and/or Hiring: _____ Date of Availability for Use: _____

Budget Summary (*Round to nearest dollar*)

Equipment Purchase _____
 Set Up & Installation _____
 Other Contractual Services _____
 Supplies & Materials _____
 Staffing Services or Salaries _____
TOTAL BUDGET _____

Signatures

Proposed by _____
 Principal Investigator _____ Date _____
By signing, PI agrees to abide by all Oregon BEST policies and commits to promoting open access and shared-use of the facility by Oregon BEST Member Faculty and industry users.

Scientific/Technical Endorsement

Endorsed by _____ Date _____
 Department Chair (Printed Name) _____
By signing, Department Chair affirms the scientific and technical merit of this proposal.